

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

690 Walnut Ave.St. 150

Vallejo, CA 94592-1133

(707) 649-5453

(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-001684**Date Inspected:** 06-Mar-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 1830**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 730**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	NA			CWI Present:	Yes	No	
Inspected CWI report:	Yes	No	N/A	Rod Oven in Use:	Yes	No	N/A
Electrode to specification:	Yes	No	N/A	Weld Procedures Followed:	Yes	No	N/A
Qualified Welders:	Yes	No	N/A	Verified Joint Fit-up:	Yes	No	N/A
Approved Drawings:	Yes	No	N/A	Approved WPS:	Yes	No	N/A
				Delayed / Cancelled:	Yes	No	N/A
Bridge No:	34-0006			Component:	OBG		

Summary of Items Observed:

Caltrans Quality Assurance (QA) Inspector, Mike Hasler was present to observe the fitup, welding and related activities associated with the fabricating of Caltrans Mock-up, 77M, 89M, 114M and orthotropic box girders (OBG), for the San Francisco Oakland Bay Self Anchored Suspension Bridge, at Zhenhua Port Machinery Company (ZPMC) facility on Changxing Island.

Item Description	WBS	Dwg No.	Status
1 PMT	na	na	VT

OBG Bay 1: Caltrans QA Inspector performed visual test (VT) examination of PMT #1, representing deck panels (DP041-001 & DP066-001), welded on 02-26-2008 at Gantry #1 and accepted by ZPMC. The welds complied with the contract specifications. The following digital picture illustrates the PMT u-rib panels.



WELDING INSPECTION REPORT

(Continued Page 2 of 2)

2	floor beam	na	na	ZPMC UT
---	------------	----	----	---------

OBG Bay 1: Caltrans QA Inspector witnessed ZPMC Quality Control (QC), ultrasonic test (UT) technician, Mr. Li Li Ming perform testing of six welds identified as FB016 (R1), FB008 (R1), FB002-02 (R1); new welds, FB002-03, FB009 and FB015. At the conclusion of the testing, Mr. Li Li Ming stated that FB002-02 (R1) was rejected and identified for weld repair. Caltrans QA observed that the testing performed by Mr. Li Li Ming complied with the project specifications.

Summary of Conversations:

As identified within the contents of this report.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials for your project.

Inspected By:	Hasler, Mike	Quality Assurance Inspector
Reviewed By:	Cuellar, Robert	QA Reviewer
